SOUTHEAST BOARS TUSK QUADRANGLE **UNITED STATES** WYOMING-SWEETWATER CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY 109°00′ 41°52′30″ R.103 W. R.102 W. 18 17 13 18 19 20 22 23 19 21 24 27 29 28 30 33 31 50'00" 50'00" T.22 N. T.22 N. 374 T.21 N. T.21 N. NOTE: Overburden isopachs are not drawn beyond those shown because of insufficient data 10 11 41°45′ 109°00′ 02'30" R.103 W. R.102 W. SCALE 1:24 000 Base from U.S. Geological Survey, 1958 Compiled in 1977/1978 1 MILE WYOMING QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE BOARS TUSK 15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING

APPROXIMATE MEAN DECLINATION, 1958

> BY DAMES & MOORE 1979

OPEN FILE REPORT 79-126

PLATE 7 OF 36

EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 50 feet. Isopach interval is 100 feet (31 m) over strippable coal and 400 feet (122 m) beyond the stripping-limit line.

O 374

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

RS-17 Rock Springs No. 17 COAL BED SYMBOL AND NAME

_____RS-17 _____

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where inferred by present authors.

TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is

To convert feet to meters, multiply feet by 0.3048.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

PLATE 7

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE ROCK SPRINGS NO. 17 COAL BED